

## NEW WEATHER BUREAU PUBLICATION

*Research Paper No. 41*, "The Tornadoes at Dallas, Tex., April 2, 1957," Washington, D.C., 1960, 175 pp. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C. Price: \$1.00.

This paper, which contains a fine series of photographs and drawings of the main tornado, is made up of the following six reports:

"The Life Cycle of the Dallas Tornado," by Robert G. Beebe

"The Dimensional and Rotational Characteristics of the Tornadoes and Their Cloud System," by Walter H. Hoecker, Jr.

"The Synoptic Situation," by Jean T. Lee

"The Role of a Subsidence Layer," by Dansy T. Williams

"A Summary of Eyewitness Reports," by Stuart G. Bigler

"Estimates of Minimum Wind Forces Causing Structural Damage," by E. P. Segner, Jr.

## Recent Articles in Other Weather Bureau Periodicals

*Weekly Weather and Crop Bulletin, National Summary*, vol. XLVII:  
No. 38, September 19, 1960

"Hurricane Donna, September 2–13, 1960 (A preliminary report)".

No. 41, October 10, 1960

"How Soil Moisture Affects Root Growth" (Reprinted from USDA, *Agricultural Research*, Sept. 1960.)

"Soil Temperature Guides Cotton Growers," (Reprinted from USDA, *Agricultural Research*, Oct. 1960.)

"Soil Conservation Service and Weather Bureau Cooperation"

No. 43, October 24, 1960

"Mean Percentage of Possible Sunshine for Selected Locations"  
(A table of monthly mean values and a map showing isolines of annual mean percentage.)

*Mariners Weather Log*, vol. 4

No. 6, November, 1960:

"Marine Automatic Weather Stations," by John A. Shirley,  
pp. 191–194.

"The Climate of the Northwestern North Atlantic Ocean," by  
N. L. Canfield, pp. 194–198.